

45. (new) The method in accordance with Claim 38, wherein said gas sensor comprises a gas sensor according to Claim 21.

46. (new) The method in accordance with Claim 38, wherein said gas sensor comprises a gas sensor system according to Claim 36.

IN THE ABSTRACT:

Please substitute the new Abstract of the Disclosure submitted herewith on a separate page for the original Abstract presently in the application. (A copy of a marked up version with markings to show changes made is also attached hereto.)

(Applicant's Remarks are set forth hereinbelow, starting on the following page.)